

**PROPOSED COUNCIL STUDY ISSUE**For Calendar Year: 2004

New X

Previous Year (below line/defer)

**Issue:** Carbon Dioxide Emissions Reduction Project**Lead Department:** Public Works**General Plan Element or Sub-Element:** None**1. What are the key elements of the issue? What precipitated it?**

Sustainable Silicon Valley (SSV) has set a goal of reducing CO<sub>2</sub> emissions 20% below 1990 levels by 2010. In 1990, 13.42 million tons of CO<sub>2</sub> were emitted into the atmosphere in Silicon Valley. Achieving the SSV goal means that no more than 10.74 million tons of CO<sub>2</sub> will be emitted in 2010. Businesses and municipalities interested in supporting the 20% target will be invited to participate in this pilot project by quantifying the associated CO<sub>2</sub> emissions reduction benefit and pledging their continued efforts to save energy and switch to less carbon intensive fuels, thus reducing their CO<sub>2</sub> emissions. Contributions toward meeting the regional CO<sub>2</sub> emissions reduction goal will be charted and progress toward the Valley goal will be shared with the public. A participating entity is asked to:

1. Choose one (or more) of its facilities in Silicon Valley
2. Select a baseline reporting year for each facility
3. Adopt a goal for CO<sub>2</sub> emissions reduction (percentage and year)
4. Select a normalizing factor (optional) for each facility
5. Track each facility's annual electricity and natural gas use. Optionally, track its diesel and/or gasoline use for its fleet, employee business use of personal vehicles, and/or employee commuting
6. Report annually to SSV (either annual energy use or convert total energy use into pounds of CO<sub>2</sub>)
7. Include a brief description of some of the key actions it has taken that led to the decreasing emissions of CO<sub>2</sub>

Ideally, all of the major uses of fossil-based energy, i.e., electricity, natural gas, diesel and gasoline, would be measured. At a minimum, annual electricity and natural gas usage will be tracked over time.

**2. How does this relate to the General Plan or existing City Policy?**

The City has no policies on the topic of global climate change.

**3. Origin of issue:**

**Councilmember:** Walker

**General Plan:**

Staff: \_\_\_\_\_

BOARD or COMMISSION N/A

Arts

Housing &amp; Human Svcs

Bldg. Code of Appeals

Library

BPAC

Parks &amp; Rec.

CCAB

Personnel

Heritage &amp; Preservation

Planning

Board / Commission Ranking/Comment:

\_\_\_\_\_ Board / Commission ranked \_\_\_\_\_ of \_\_\_\_\_

4. Multiple Year Project? Yes ☒ No Expected Year of Completion \_\_\_\_\_

5. Estimated work hours for completion of the study issue.

(a) Estimated work hours from the lead department \_\_\_\_\_ 30

(b) Estimated work hours from consultant(s): \_\_\_\_\_

(c) Estimated work hours from the City Attorney's Office: \_\_\_\_\_ 0

(d) List any other department(s) and number of work hours:

Department(s):	Fin 10 hours	50
	DPR (Facilities Mgmt) 30 hours	
	CDD Planning 10 hours	

Total Estimated Hours: \_\_\_\_\_ 80

6. Expected participation involved in the study issue process?

(a) Does Council need to approve a work plan? Yes ☒ No(b) Does this issue require review by a Board/Commission? Yes No ☒

If so, which Board/Commission? \_\_\_\_\_

(c) Is a Council Study Session anticipated? Yes No ☒

(d) What is the public participation process? N/A

## 7. Estimated Fiscal Impact:

Cost of Study	\$ 3,000
Capital Budget Costs	\$ 0 – 100,000
New Annual Operating Costs	\$ 500 - 25,000
New Revenues or Savings	\$ 0
10 Year RAP Total	\$ 8,000 - 350,000
Budget Modification Needed	\$

8. Staff Recommendation

Recommended for Study

Against Study

X No Recommendation

Explain below staff's recommendation if "for" or "against" study. Department director should also note the relative importance of this study to other major projects that the department is currently working on or that are soon to begin, and the impact on existing services/priorities.

reviewed by

\_\_\_\_\_  
*Department Director*\_\_\_\_\_  
*Date*

approved by

\_\_\_\_\_  
*City Manager*\_\_\_\_\_  
*Date*